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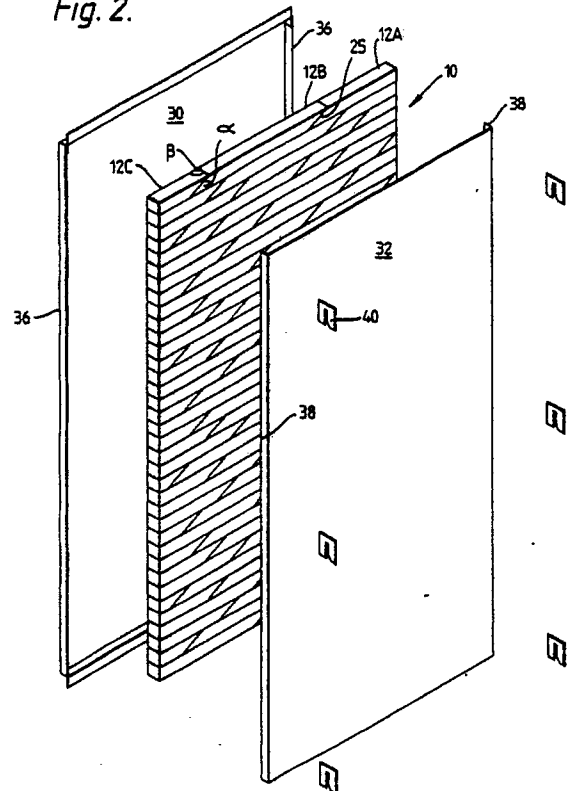
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(54) **Sandwich panel core structure.**

(57) A sandwich panel element comprises a core 10 of fibrous material arranged between first and second parallel outer skins of generally planar sheet material 30, 32. The core material consists of a plurality of elongate strips 12a, 12b, 12c etc. arranged in side-by-side and end-to-end abutting relationship. The strips are formed so that the fibres are in a direction generally transverse to the planes of the sheet material 30, 32. The strips 12a, 12b, 12c etc. are individually shorter than the length or width of the panel element and the mutually abutting ends 25 of the strip are chamfered at an acute angle to the longitudinal direction of the strips to allow the ends to overlap.

Fig. 2.



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	GB-A-1 397 299 (A/S ROCKWOOL) * Figures; claims * - - -	1-3,5-7	B 32 B 3/16 B 32 B 3/10 E 04 C 2/16
Y	US-A-3 895 144 (KIEFER) * Figures 10,11; claims 1,15 * - - -	1-3,5-7	
A	DE-A-1 609 312 (GRÜNZWEIG & HARTMANN AG) * Page 2, line 14 - page 4, line 7 * - - -	1,6,7	
A	DE-A-2 501 093 (IHLEFELD) * Claim 1; figures 1,2 * - - -	1	
E	EP-A-0 404 679 (ATAYI) * Whole document * - - - - -	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 32 B E 04 C
Place of search The Hague		Date of completion of search 23 April 91	Examiner MCCONNELL C.H.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</div>			